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The fluorograph is very simple to use. A photograph produced with it is many times less expensive than the ordinary X-ray picture. The Chief Roentgenologist of the Moscow City Health Department has made the following statement:

Twenty fluorographs have been received for medical-prophylactic institutions in the capital. They are being installed in polyclinics and dispensaries. Their use will permit polyclinics in the rayons to make early diagnoses and prevent the development of diseases.

BLIND TO READ WITH NEW PHOTOPHONE -- Sovetskaya Kirgiziya, 19 May 50

Two Kirgiz inventors have finished working out the basic plan for a photophone. The instrument has a special photoelectric shaft. If this is drawn slowly along the printed line, every letter is reflected by the lens in the photoelement, and causes a change in the electric current. Special sounds for each letter are set up in the membrane. This type of alphabet will make it possible for blind people to read books printed in the usual way.

There are great possibilities for the photophone. If books are published with a special sound inscription, the photophone will make it possible to hear ordinary human speech.

Final work on the instrument has been included in the plans of the Leningrad State University imeni A. A. Zhdanov.

PRODUCE FIRST SOVIET BRAILLE TYPEWRITERS -- Ogonek, No 25, 7 Jun 50

Up to now, typewriters for the blind have not been produced. However, the very first model, developed by two Soviet designers, surpasses the well-known foreign types. It has only six keys, whose combined strokes are sufficient for rapidly pricking on the paper all the Braille symbols used by the blind. The machine is of a completely new type, constructed of a light and durable material. It facilitates and simplifies the process of writing. For the first time the possibility of printing on both sides of the page has been realized. None of the foreign models can do this.

The Typewriter and Cash Register Plant of the Kuybyshevskiy Rayon Industries Trust of Moscow has begun production of the first 100 of these portable typewriters for the blind. In 1950, more than 1,000 machines will be produced. -- E. Arkov

PRODUCE NEW AGRONOMICAL EQUIPMENT -- Sovetskaya Kirgiziya, 24 May 50

New agrotechnical and agrochemical instruments for analyzing soils and field conditions have been worked out and produced by the laboratory of the All-Union Chemical Society imeni Mendeleev. The first 100 agrochemical field laboratories have been put out. They are intended for agronomists at kolkhozes, sovkhoses, and MTS.

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